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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Attorney Docket No.: DEX-0241

Inventors: Recipon et al.

Serial No.: 10/002,344

Filing Date: Recipon et al.

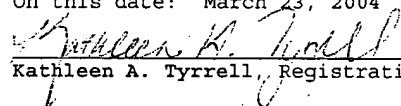
Examiner: Kenneth R. Horlick

Group Art Unit: 1637

Title: Compositions and Methods Relating to Lung Specific Genes and Proteins

I, Kathleen A. Tyrrell, Registration No. 38,350, certify that this correspondence is being deposited with the U.S. Postal Service as First Class mail in an envelope addressed to the Commissioner for Patents P.O. Box 1450, Alexandria, VA 22313-1450

On this date: March 23, 2004


Kathleen A. Tyrrell, Registration No. 38,350

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

INFORMATION DISCLOSURE STATEMENT

Pursuant to 37 C.F.R. §1.56 and in accordance with 37 C.F.R. §§1.97-1.98, information relating to the above-identified application is hereby disclosed. Inclusion of information in this statement is not to be construed as an admission that this information is material as that term is defined in 37 C.F.R. §1.56(b).

() In accordance with §1.97(b), since this Information Disclosure Statement is being filed either within three months of the filing date of the above-identified

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application, within three months of the date of entry into the national stage of the above identified application as set forth in §1.491, or before the mailing date of a first Office Action on the merits of the above-identified application, no additional fee is required.

(XX) In accordance with §1.97(c), this Information Disclosure Statement is being filed after the period set forth in §1.97(b) above but before the mailing date of either a Final Action under §1.113 or a Notice of Allowance under §1.311, therefore:

() Certification in Accordance with §1.97(e) is attached hereto; or

(XX) Authorization to charge Deposit Account No. 50-1616 the fee of \$180.00 as set forth in §1.17(p) is provided.

() In accordance with §1.97(d), this Information Disclosure Statement is being filed after the mailing date of either a Final Action under §1.113 or a Notice of Allowance under §1.311 but before the payment of the Issue Fee, therefore included are: Certification in Accordance with §1.97(e); Petition Requesting Consideration of the Information Disclosure Statement; and the fee of \$130.00 as set forth in §1.17(I) (1).

(XX) Copies of each of the references listed on the attached Form PTO-1449 (modified) are enclosed herewith.

() In accordance with §1.98(d), copies of some or all of the references listed on the attached Form PTO-1449 (modified) are not enclosed herewith because they were previously submitted to the U.S. Patent and Trademark Office in prior application Serial No. _____, filed _____, for which a claim for priority under 35 U.S.C. §120 has been made in the instant application.

Please charge any deficiency or credit any overpayment to Deposit Account No. 50-1619. This form is submitted in duplicate.

() The relevance of the listed references in a foreign language is as stated in the specification at pages @@.

(XX) All listed references are in the English language.

Respectfully submitted,

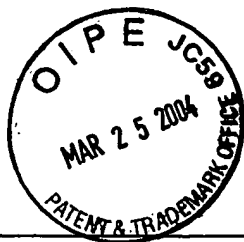


Kathleen A. Tyrrell
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Date: March 23, 2004

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Sheet 01 of 04

Form PTO-1449 Modified List of Patents and Publications Cited by Applicant (Use several sheets if necessary) U.S. Department of Commerce	Docket No. DEX-0241	Serial No. 10/002,344
	Applicant Recipon et al.	
	Filing Date October 25, 2001	Group 1637

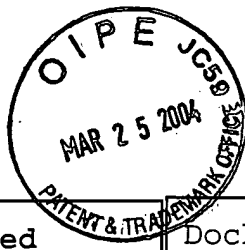
U. S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Name	Class	Subclass
	AA	2003/0022279	1-30-03	Fraser et al.	435	69.1
	AB	2002/0155438	10-24-02	Simpson et al.	435	6

FOREIGN PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Country	Translation YES	NO
	AC	EP 1 074 617 A2	7-2-01	EPO	x	
	AD	WO 01/55368 A1	2-8-01	PCT	x	
	AE	WO 00/09552	24-2-00	PCT	x	
	AF	WO 02/079492 A2	10-10-02	PCT	x	
	AG	WO 02/062945 A2	15-8-02	PCT	x	

EXAMINER	DATE CONSIDERED
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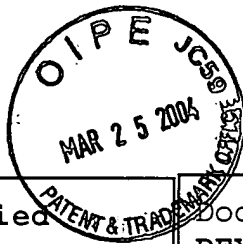
Filing Date
October 25, 2001Group
1637

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

BA	Hirano et al., "Expression of a Novel Protocadherin, OL-Protocadherin, in a Subset of Functional Systems of the Developing Mouse Brain", J. Neurosci. 1999 19(3):995-1005 Reprint provided herewith as pages 1-15
BB	Nagase et al., "Prediction of the Coding sequences of Unidentified Human Genes. XVI. The Complete Sequences of 150 New cDNA Clones from Brain Which Code for Large Proteins in vitro", DNA Research 2000 7:65-73
BC	Ning-Sheng L., "Renal involvement in Chinese patients with rheumatoid arthritis", Annals of the Rheumatic Diseases 1998 57(9):571
BD	Nollet et al., "Phylogenetic Analysis of the Cadherin Superfamily allows Identification of Six Major Subfamilies Besides Several Solitary Members", J. Mol. Biol. 2000 299(3):551-572
BE	Wolverton et al., "Identification and Characterization of Three Members of a Novel Subclass of Protocadherins", Genomics 2001 76(1-3):66-72
BF	Wu et al., "Comparative DNA Sequence Analysis of Mouse and Human Protocadherin Gene Clusters", Genome Research 2001 11(3):389-404 Reprint provided herewith as pages 1-12
BG	Wu et al., "Large exons encoding multiple ectodomains are a characteristic feature of protocadherin genes", Proc. Natl. Acad. Sci. USA 2000 97(7):3124-3129 Reprint provided herewith as pages 1-14
BH	Wu et al., "A Striking Organization of a Large Family of Human Neural Cadherin-like Cell Adhesion Genes", Cell 1999 97(6):779-790
BI	Yagi et al., "Cadherin superfamily genes: functions, genomic organization, and neurologic diversity", Genes & Development 2000 14(10):1169-1180 Reprint provided herewith as pages 1-10

EXAMINER

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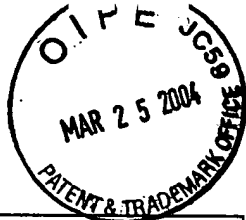
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October 25, 2001

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1637

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	BJ	NCBI Genbank Accession No. NM_032961 [gi:14589915] 3 July 2001 - 18 December 2001 with Revision History
	BK	NCBI Genbank Accession No. NM_020815 [gi:14589913] 3 July 2001 - 18 December 2001 with Revision History
	BL	NCBI Genbank Accession No. AK022094 [gi:10433415] 29 September 2000 with Revision History
	BM	NCBI Genbank Accession No. NP_035173 [gi:7242169] 8 March 2000 - 1 November 2000 with Revision History - the Revision History for 42476150 replaced by 7242169 is provided
	BN	NCBI Genbank Accession No. T46909 [gi:648892] and [gi:1136026] 1 February 1995 - 17 March 2000 with Revision History
	BO	NCBI Genbank Accession No. AK026188 [gi:10438958] 29 September 2000 with Revision History
	BP	NCBI Genbank Accession No. AAD00651 [gi:4099551] 5 January 1999 with Revision History <i>* 5 June 1999</i>
	BQ	NCBI Genbank Accession No. NP_065866 [gi:14589914]. 3 July 2001 - 18 December 2001 with Revision History
	BR	NCBI Genbank Accession No. AAK57196 [gi:14210853] 28 May 2001 with Revision History
EXAMINER		DATE CONSIDERED



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U.S. Department of Commerce			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
	BS	NCBI Genbank Accession No. AAK57195 [gi:14210851] 28 May 2001 with Revision History	
	BT	NCBI Genbank Accession No. NP_116586 [gi:14589916] 3 July 2001- 18 December 2001 with Revision History	
	BU	NCBI Genbank Accession No. BAA92638 [gi:7243181] 14 March 2000 with Revision History	
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